

15866 U.S. PTO  
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DT07 Rec'd PCT/PTO 0 6 JUL 2004

FORM PTO 1390 (REV 10-2003)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 09852/0201465-US0	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371				U.S. APPLICATION NO. (If known, see 37 CFR 1.52) <b>10/501100</b>	
INTERNATIONAL APPLICATION NO. PCT/JP03/00075		INTERNATIONAL FILING DATE 8 January 2003		PRIORITY DATE CLAIMED 8 January 2002	
TITLE OF INVENTION NI BASED ALLOY WITH EXCELLENT CORROSION RESISTANCE TO SUPERCRITICAL WATER ENVIRONMENTS CONTAINING INORGANIC ACIDS					
APPLICANT(S) FOR DO/EO/US Katsuo Sugahara					

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
- ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing 35 U.S.C. 371.
- ☒ This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.
- ☒ The US has been elected (Article 31).
- ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - ☐ is attached hereto (required only if not communicated by the International Bureau).
  - ☒ has been communicated by the International Bureau.
  - ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
- ☒ An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).
  - ☒ is attached hereto.
  - ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
- ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - ☐ are attached hereto (required only if not communicated by the International Bureau).
  - ☐ have been communicated by the International Bureau.
  - ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - ☐ have not been made and will not be made.
- ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
- ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
- ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 11 to 20 below concern document(s) or information included:

- ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98; PTO/SB/08A; ISR with three documents.
- ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
- ☒ A preliminary amendment.
- ☒ An Application Data Sheet under 37 CFR 1.76.
- ☐ A substitute specification.
- ☐ A power of attorney and/or change of address letter.
- ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
- ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
- ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
- ☒ Other items or information: Certificate of Express Mailing Under 37 CFR 1.10; Affirmation of priority claim with PCT/IB/304; Check in the amount of \$1,154.00; Change of Correspondence Address Application w/List of practitioners to be made of record; Return Receipt Postcard

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>107501100</b>		INTERNATIONAL APPLICATION NO. PCT/JP03/00075		ATTORNEY'S DOCKET NUMBER 09852/0201465-US0	
21. <input checked="" type="checkbox"/> The following fees are submitted:				<b>CALCULATIONS</b> PTO USE ONLY	
<b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):</b> <input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... \$1080.00 <input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... \$920.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$770.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$730.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$100.00					
ENTER APPROPRIATE BASIC FEE AMOUNT =				\$ 920.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).					
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	26-20 =	6	x 18.00	\$ 108.00	
Independent claims	4-3 =	1	x 86.00	\$ 86.00	
MULTIPLE DEPENDENT CLAIM(s) (if applicable)			+		
TOTAL OF ABOVE CALCULATIONS =				\$ 1,114.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.					
SUBTOTAL =				\$ 1,114.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).					
TOTAL NATIONAL FEE =				\$ 1,114.00	
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$ 40.00	
TOTAL FEES ENCLOSED =				\$ 1,154.00	
				Amount to be refunded: \$	
				charged: \$	
a. <input checked="" type="checkbox"/> A check in the amount of \$ 1,154.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 04-0100. A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.					
<b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO: Joseph R. Robinson DARBY & DARBY P.C. P.O. Box 5257 New York, New York 10150-5257 (212) 527-7783 CUSTOMER NUMBER: 07278					
				SIGNATURE: <i>for</i> <b>MARTE GUTILIAN</b> NAME: Joseph R. Robinson <b>44085</b>	
				33,448	
				REGISTRATION NUMBER	

PTO/SB/122 (06-03)

Approved for use through 11/30/2005. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**OR**

<input type="checkbox"/> Firm or Individual Name	Joseph R. Robinson DARBY & DARBY P.C.
Address	P.O. Box 5257
City	New York
Country	US
Telephone	(212) 527-7700

I am the:

- ☐ Applicant/Inventor
- ☐ Assignee of record of the entire interest.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).
- ☒ Attorney or Agent of record. Registration Number 25,351
- ☐ Registered practitioner named in the application transmittal letter in an application filed on or after 10/1/92 without an executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number \_\_\_\_\_

S. ~~Peter~~ Ludwig

S. Peter Ludwig

Telephone (212) 527-7770

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☐ \*Total of 1 forms are submitted.

Express Mail Label No. \_\_\_\_\_ Dated: \_\_\_\_\_

DTIC Rec'd PGT/PTO 06 JUL 2004

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10/501100

DT04 Rec'd PCT/PTO 06 JUL 2004

Application No. (if known): Not Yet Assigned

Attorney Docket No.: 09852/0201465-US0

## Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. \_\_\_\_\_ in an envelope addressed to:

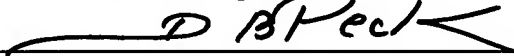
**996118811-US**

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

on July 6, 2004  
Date



Signature



Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Transmittal Letter to the United States Designated-Elected Office (2 pp)  
Application Data Sheet (2 pp)  
Specification (60 pp); Claims (10 pp); Abstract (1 pg)  
First Preliminary Amendment (14 pp)  
Executed Declaration and Power of Attorney (2 pp)  
Change of Correspondence Address Application (1 pg) w/list of  
Practitioners to be made of record (1 pg)  
Recordation Form Cover Sheet (1 pg) w/Assignment (2 pp)  
Affirmation of priority claim (1 pg) w/PCT/IB/304  
Information Disclosure Statement (2 pp); PTO/SB/08A (1 pg);  
ISR with three documents  
Check No. **5453** in the amount of \$1,154.00  
Return Receipt Postcard